

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|                 |  |                      |                |
|-----------------|--|----------------------|----------------|
| Application of: | Paul Buchheit  | Confirmation No.:    | 8809           |
| Serial No.:     | 10/816,428   | Art Unit:            | 2454           |
| Filed:          | March 31, 2004   | Examiner:            | Nguyen, Dustin |
| For:            | <i>Email System with Conversation-Centric User Interface</i> | Attorney Docket No.: | 60963-5007-US  |

DECLARATION OF PAUL T. BUCHHEIT UNDER 37 C.F.R §1.131

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

I, Paul T. Buchheit, declare that:

1. I am a co-inventor of the invention described and claimed in the above-identified patent application.
2. My co-inventor Sanjeev Singh and I first conceived of the presently claimed invention on or before September 19, 2002.
3. Attached hereto, as Exhibit A, is a copy of a document dated September 19, 2002 that shows a mock-up design of a user interface for a conversation based email system, the mock-up showing both a list of conversations and a detailed view of one conversation entitled "Brainstorming for design docs." The list of conversations in the mock-up design has a set of rows, each row corresponding to one of the listed conversations and including a sender list, a conversation topic, a date value, the number of messages in the conversation (shown in parentheses), and a snippet from the conversation which is distinct from the conversation topic. Each row includes bolded text, or not, to indicate whether the corresponding conversation includes at least one unread message, and who the unread message(s) are from.
4. The date of the document shown in Exhibit A is not printed on the document itself, so a redacted index of Mock-ups is provided in Exhibit B. The title of

the document provided in Exhibit A is printed in the bottom left corner:

"bay.tv.htm." The last modified date of "bay.tv.htm" is indicated in Exhibit B as September 19, 2002.

5. The presently claimed invention was reduced to practice at least as early as June 22, 2003.
6. My co-inventors and I worked essentially full time during the period between Sept. 19, 2002 and June 22, 2003 on reducing this invention to practice.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

Respectfully submitted,

Date:

10-20-09

  
Paul T. Buchheit

## Exhibit A

**SCHW**

Search



New mail: Kristin - Notes from Tuesday's meeting

U · 09 Sep Jon .. Frank, Peter (4) · ·wizad for Ads creation We have a demo up of the ads create...  
 U · 06 Aug me, Mike (4) · ·google Bay -- That sounds good. Tomorrow morning would...  
 R · 29 Jul Jing .. Ben, Ollie (12) Brainstorming for design docs I have now tried using the new...  
 R · 19 Jul me, Salar (4) · ads project management page Thanks so much Bay. David and L...

## Brainstorming for design docs

10 read, 2 new (Ben G, Ollie S)

1. Jing Lim > FYI - you can now open the thread in a separate window: from the inbox, pressing shift-enter or shift-click (if using the mouse) opens up the thread ...  
 2. Bay-Wei Chang > Do you mean this is live? Not working for me, either on IE6/Win or Moz/Win  
 ... 9. Ben Gomes > Yes, yes, yes! I hate windows without browser controls!  
 10. Seth Golub > To be fair, our target user is less of a control freak than the average Googler (myself definitely ...

11. Ben G. > c+caribou-users, seth : yesterday 8:15pm ▶  
 I have now tried using the new interface for a bit and I understand my problem - though I find it visually pleasant, I find it hard to use because of the amount of mousing required. For every message I have to mouse a significant distance between the "back to inbox" and then find the next active message again (visual work in addition) and so on. The overhead is significant and the experience just feels less pleasant. This may not be a problem for people using keyboard shortcuts - I personally don't think we should have keyboard shortcuts at all in this prototype, since I don't think any significant number of end users will use them so the usability should be tested without them.Å\$

12. Ollie Smith > bob, c+caribou-users, seth : 4 hours ago ▶  
 > Nicholas O'Deegan writes:  
 > >I'm currently experiencing a problem with large files on linux. (we used  
 > >to perform backups using solaris) As a result, backups of the /home dir  
 > >under Solaris cannot be restored on our linux server.

The reason being: /home is so large, the index file created is around 2.5 G, so when Netbackup tries to access the file for restoring, it dies on the large file.Å\$

|               |        |
|---------------|--------|
| Back to Inbox |        |
| MESSAGE       |        |
| Reply         | Fwd    |
| Todo          | Label  |
| THREAD        |        |
| Prev          | Next   |
| Archive       | Delete |
| Show all      |        |

































|             |             |      |
|-------------|-------------|------|
|             |             |      |
| Send to Ben | Send to All | Chat |

[More options](#)

[Expand](#) | [Shrink](#)

## Exhibit B

# Index of /~brakowski/[REDACTED]mockups

| <u>Name</u>   | <u>Last modified</u> | <u>Size</u> | <u>Description</u> |
|---|----------------------|-------------|--------------------|
|  <u>Parent Directory</u> |                      | -           |                    |
|  [REDACTED]              |                      |             |                    |
|  [REDACTED]              |                      |             |                    |
|  [REDACTED]              |                      |             |                    |
|  [REDACTED]              |                      |             |                    |
|  [REDACTED]              |                      |             |                    |
|  [REDACTED]              |                      |             |                    |
|  [REDACTED]              |                      |             |                    |
|  [REDACTED]              |                      |             |                    |
|  [REDACTED]              |                      |             |                    |
|  [REDACTED]              |                      |             |                    |
|  [REDACTED]              |                      |             |                    |
|  [REDACTED]              |                      |             |                    |
|  [REDACTED]             |                      |             |                    |
|  [REDACTED]            |                      |             |                    |
|  [REDACTED]            |                      |             |                    |
|  [REDACTED]            |                      |             |                    |
|  [REDACTED]            |                      |             |                    |
|  [REDACTED]            |                      |             |                    |
|  [REDACTED]            |                      |             |                    |
|  [REDACTED]            |                      |             |                    |
|  [REDACTED]            |                      |             |                    |
|  [REDACTED]            |                      |             |                    |
|  [REDACTED]            |                      |             |                    |
|  [REDACTED]            |                      |             |                    |
|  [REDACTED]            |                      |             |                    |
|  [REDACTED]            |                      |             |                    |
|  <u>bay tv.htm</u>     | 19-Sep-2002 05:45    | 17K         |                    |
|  [REDACTED]            |                      |             |                    |
|  [REDACTED]            |                      |             |                    |
|  [REDACTED]            |                      |             |                    |
|  [REDACTED]            |                      |             |                    |

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|                 |  |                      |                |
|-----------------|--|----------------------|----------------|
| Application of: | Paul Buchheit  | Confirmation No.:    | 8809           |
| Serial No.:     | 10/816,428   | Art Unit:            | 2454           |
| Filed:          | March 31, 2004   | Examiner:            | Nguyen, Dustin |
| For:            | <i>Email System with Conversation-Centric User Interface</i> | Attorney Docket No.: | 60963-5007-US  |

DECLARATION OF SANJEEV SINGH UNDER 37 C.F.R §1.131

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

I, Sanjeev Singh, declare that:

1. I am a co-inventor of the invention described and claimed in the above-identified patent application.
2. My co-inventor Paul T. Buchheit and I first conceived of the presently claimed invention on or before September 19, 2002.
3. Attached hereto, as Exhibit A, is a copy of a document dated September 19, 2002 that shows a mock-up design of a user interface for a conversation based email system, the mock-up showing both a list of conversations and a detailed view of one conversation entitled "Brainstorming for design docs." The list of conversations in the mock-up design has a set of rows, each row corresponding to one of the listed conversations and including a sender list, a conversation topic, a date value, the number of messages in the conversation (shown in parentheses), and a snippet from the conversation which is distinct from the conversation topic. Each row includes bolded text, or not, to indicate whether the corresponding conversation includes at least one unread message, and who the unread message(s) are from.
4. The date of the document shown in Exhibit A is not printed on the document itself, so a redacted index of Mock-ups is provided in Exhibit B. The title of

the document provided in Exhibit A is printed in the bottom left corner:


"bay.tv.htm." The last modified date of "bay.tv.htm" is indicated in Exhibit B as September 19, 2002.

5. The presently claimed invention was reduced to practice at least as early as June 22, 2003.
6. My co-inventors and I worked essentially full time during the period between Sept. 19, 2002 and June 22, 2003 on reducing this invention to practice.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

Respectfully submitted,

Date: 11/9/2009

  
\_\_\_\_\_  
Sanjeev Singh



## Exhibit A

**SCHW**

Search



New mail: Kristin - Notes from Tuesday's meeting

U · 09 Sep Jon .. Frank, Peter (4) · wizard for Ads creation We have a demo up of the ads create...  
 U · 06 Aug me, Mike (4) · google Bay - That sounds good. Tomorrow morning would...  
 R · 29 Jul Jing .. Ben, Ollie (12) Brainstorming for design docs I have now tried using the new...  
 R · 19 Jul me, Salar (4) ads project management page Thanks so much Bay. David and L...

## Brainstorming for design docs

10 read, 2 new (Ben G, Ollie S)

1. Jing Lim > FYI - you can now open the thread in a separate window: from the inbox, pressing shift-enter or shift-click (if using the mouse) opens up the thread ...  
 2. Bay-Wei Chang > Do you mean this is live? Not working for me, either on IE6/Win or Moz/Win  
 ... 9. Ben Gomes > Yes, yes, yes! I hate windows without browser controls!  
 10. Seth Golub > To be fair, our target user is less of a control freak than the average Googler (myself definitely ...

11. Ben G. > c+caribou-users, seth : yesterday 8:15pm ▶  
 I have now tried using the new interface for a bit and I understand my problem - though I find it visually pleasant, I find it hard to use because of the amount of mousing required. For every message I have to mouse a significant distance between the "back to inbox" and then find the next active message again (visual work in addition) and so on. The overhead is significant and the experience just feels less pleasant. This may not be a problem for people using keyboard shortcuts - I personally don't think we should have keyboard shortcuts at all in this prototype, since I don't think any significant number of end users will use them so the usability should be tested without them.Å\$

12. Ollie Smith > bob, c+caribou-users, seth : 4 hours ago ▶  
 > Nicholas O'Deegan writes:  
 > >I'm currently experiencing a problem with large files on linux. (we used  
 > >to perform backups using solaris) As a result, backups of the /home dir  
 > >under Solaris cannot be restored on our linux server.

































The reason being: /home is so large, the index file created is around 2.5 G, so when Netbackup tries to access the file for restoring, it dies on the large file.Å\$

|               |        |
|---------------|--------|
| Back to Inbox |        |
| MESSAGE       |        |
| Reply         | Fwd    |
| Todo          | Label  |
| THREAD        |        |
| Prev          | Next   |
| Archive       | Delete |
| Show all      |        |

Send to Ben Send to All Chat More options Expand Shrink

## Exhibit B

# Index of /~brakowski/[REDACTED]/mockups

| <u>Name</u>   | <u>Last modified</u> | <u>Size</u> | <u>Description</u> |
|---|----------------------|-------------|--------------------|
|  <u>Parent Directory</u> |                      | -           |                    |
|  [REDACTED]              |                      |             |                    |
|  [REDACTED]              |                      |             |                    |
|  [REDACTED]              |                      |             |                    |
|  [REDACTED]              |                      |             |                    |
|  [REDACTED]              |                      |             |                    |
|  [REDACTED]              |                      |             |                    |
|  [REDACTED]              |                      |             |                    |
|  [REDACTED]              |                      |             |                    |
|  [REDACTED]              |                      |             |                    |
|  [REDACTED]              |                      |             |                    |
|  [REDACTED]              |                      |             |                    |
|  [REDACTED]              |                      |             |                    |
|  [REDACTED]             |                      |             |                    |
|  [REDACTED]            |                      |             |                    |
|  [REDACTED]            |                      |             |                    |
|  [REDACTED]            |                      |             |                    |
|  [REDACTED]            |                      |             |                    |
|  [REDACTED]            |                      |             |                    |
|  [REDACTED]            |                      |             |                    |
|  [REDACTED]            |                      |             |                    |
|  [REDACTED]            |                      |             |                    |
|  [REDACTED]            |                      |             |                    |
|  [REDACTED]            |                      |             |                    |
|  [REDACTED]            |                      |             |                    |
|  [REDACTED]            |                      |             |                    |
|  [REDACTED]            |                      |             |                    |
|  <u>bay tv.htm</u>     | 19-Sep-2002 05:45    | 17K         |                    |
|  [REDACTED]            |                      |             |                    |
|  [REDACTED]            |                      |             |                    |
|  [REDACTED]            |                      |             |                    |
|  [REDACTED]            |                      |             |                    |